

Converting Colors

XYZ(10.6449, 14.8625, 7.7836)

Have a look what the booklet for
XYZ(10.6449, 14.8625, 7.7836)
contains.

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Color

**XYZ(10.6291, 14.8022,
7.7657)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7544
RGB	79, 117, 68
RGB Percent	31%, 46%, 27%
CMY	0.6902, 0.5412, 0.7333
CMYK	0.32, 0.00, 0.42, 0.54
HSL	107°, 26%, 36%
HSV	107°, 42%, 46%
XYZ	10.6291, 14.8022, 7.7657
YIQ	100.0520, -6.9190, -23.2950

Conversions

Conversions Part 2

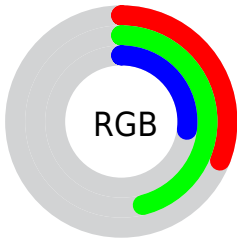
Format	Color
RYB	68, 117, 106
Decimal	5207364
CIELab	45.36, -23.60, 22.86
CIELCh	45, 32.853, 135.918
Yxy	14.8022, 0.3202, 0.4459
Android (android.graphics.Color)	4283397444 (0xFF4F7544)
YUV	100.0520, -15.8016, -18.4626
Hunter-Lab	38.4736, -18.0147, 14.9642

Details

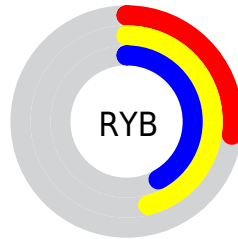
The XYZ color **10.6291, 14.8022, 7.7657** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.2225, 8.4832, 17.8764**, and the grayscale version is **12.1670, 12.8006, 13.9399**.

A 20% lighter version of the original color is **26.6048, 34.4061, 22.0684**, and **2.7869, 4.4874, 1.5299** is the 20% darker color. If you saturate the color by 10%, you get **9.6032, 14.3110, 6.0362**, and if you desaturate by 10%, it is **11.8301, 15.3763, 9.8761**.

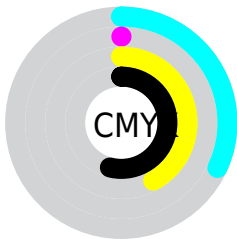
Distribution



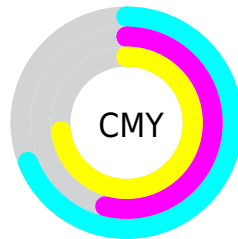
- Red (31%)
- Green (46%)
- Blue (27%)



- Red (27%)
- Yellow (46%)
- Blue (42%)



- Cyan (32%)
- Magenta (0%)
- Yellow (42%)
- Black (54%)



- Cyan (69%)
- Magenta (54%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6291, 14.8022, 7.7657 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 10.6291, 14.8022, 7.7657 by changing the saturation by 10% instead.

■ 10.6291, 14.8022,
7.7657

■ 10.6291, 14.8022,
7.7657

189.0663,
222.1658, 183.7480

■ 5.8835, 8.6807,
3.8598

■ 26.6113, 34.5058,
22.0364

■ 2.8143, 4.5335,
1.5487

■ 38.5786, 48.8567,
33.2382

■ 1.0564, 1.9762,
0.2538

■ 53.6838, 66.7195,
47.7091

■ 0.0000, 0.5936,
0.0000

■ 72.2923, 88.4786,
65.8675

■ 0.0000, 0.0000,
0.0000

■ 94.7695, 114.5183,
88.1321

121.4806,

145.2232, 114.9213

152.7911,
180.9776, 146.6538

■ 10.6291, 14.8022,
7.7657

■ 10.6291, 14.8022,
7.7657

■ 9.6032, 14.3110,
6.0362

■ 11.8301, 15.3763,
9.8761

■ 8.7430, 13.8970,
4.6641

■ 13.2129, 16.0350,
12.3873

■ 8.0395, 13.5566,
3.6245

■ 14.7852, 16.7823,
15.3189

■ 7.4827, 13.2853,
2.8892

■ 16.5540, 17.6214,
18.6888

■ 7.0612, 13.0778,
2.4249

■ 18.5258, 18.5553,
22.5142

■ 6.7943, 12.9463,
2.1408

■ 20.7069, 19.5868,
26.8111

■ 23.1033, 20.7188,
31.5947

■ 25.7207, 21.9539,
36.8797

■ 28.5646, 23.2945,
42.6801

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.6797, 14.8022, 5.5609



10.6291, 14.8022, 7.7657



9.5720, 14.8022, 12.7329

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10.6291, 14.8022, 7.7657



12.8316, 14.8022, 35.5071



19.7368, 14.8022, 12.3400

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



10.6291, 14.8022, 7.7657



11.2225, 8.4832, 17.8764

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



19.7913, 14.8022, 20.0533



10.6291, 14.8022, 7.7657



15.5564, 14.8022, 35.2968

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



10.6291, 14.8022, 7.7657



10.7279, 14.8022, 29.4873



18.1810, 14.8022, 28.9816



18.0405, 14.8022, 7.5586

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



10.6291, 14.8022, 7.7657



9.4721, 14.8022, 17.7151



18.1810, 14.8022, 28.9816



19.9545, 14.8022, 14.6182

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



10.6295, 14.8028, 7.7660



26.0434, 29.8460, 26.6184



13.4896, 14.4189, 7.5412



5.8671, 6.8047, 5.8936



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.6295, 14.8028, 7.7660



17.2956, 25.6736, 10.9729



10.2333, 14.5473, 10.0666



3.7105, 4.1342, 3.9447



7.4734, 14.2570, 2.3580



35.7906, 69.1525, 11.4614

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11.2225, 8.4832, 17.8764



18.4944, 12.7579, 31.6247



11.8991, 8.9146, 14.1731



3.7501, 3.7185, 4.6103



8.2493, 3.8440, 18.8497



39.4384, 18.3397, 91.8216

Previews

White Background



This preview shows how the XYZ color 10.6291, 14.8022, 7.7657 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 10.6291, 14.8022, 7.7657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

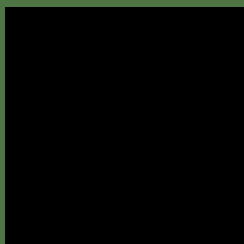
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6291, 14.8022, 7.7657

Background



This preview shows how black text looks on a background with the XYZ color 10.6291, 14.8022, 7.7657.



This preview shows how white text looks on a background with the XYZ color 10.6291, 14.8022,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

10.6291, 14.8022, 7.7657

Protanopia

13.5192, 14.6675, 6.9691

Deuteranopia

14.7908, 14.5469, 7.9895



Tritanopia

13.0991, 14.7997, 19.9355

Trichromacy



Original Color

10.6291, 14.8022, 7.7657

Protanomaly

12.2321, 14.6341, 7.1810

Deuteranomaly

12.7936, 14.2726, 7.8749

Tritanomaly

12.0004, 14.6811, 14.5132

Monochromacy



Original Color

10.6291, 14.8022, 7.7657

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.3291, 13.2880, 11.2002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6291, 14.8022, 7.7657 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(79, 117, 68)` looks like.

```
.text, #text, p{  
    color:rgb(79, 117, 68)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(79, 117, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 117, 68) }
```

Border

The CSS property to change the border of an element to XYZ 10.6291, 14.8022, 7.7657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 117, 68) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(79, 117, 68) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(79, 117, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 117, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 117, 68);  
box-shadow:4px 4px 4px 4px rgb(79, 117,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6291, 14.8022, 7.7657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 117, 68) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(79, 117,  
68) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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